

CIA/RR GB 65-29  
6 December 1965USGR: Data on Winds at Selected Stations

RIYEH 22°31'N-85°15'E

Direction of WindPercent of Winds Recorded

	<u>January</u>	<u>July</u>
North	6	9
Northeast	14	14
East	29	20
Southeast	10	13
South	3	7
Southwest	14	14
West	19	13
Northwest	5	10

Winter winds are predominantly from the east, although westerly and southwesterly winds are also common. From November through March the average speed of the wind is 10mph (gentle breeze, see Beaufort Scale). East winds are generally weak (5mph and below), whereas westerlies and southwesterlies average 15 to 20mph. East winds also predominate in summer. Wind speeds are generally 12mph or less in July. The average wind speed between May and September is 13mph.

Excluded from automatic  
downgrading and  
declassification

PERM 58°00'N-56°15'E

<u>Direction of Wind</u>	<u>Percent of Winds Recorded</u>	
	<u>January</u>	<u>July</u>
North	4	14
Northeast	9	13
East	10	11
Southeast	14	9
South	16	10
Southwest	29	16
West	15	18
Northwest	3	9

During the winter the predominant winds are from the southwest. The velocity of the prevailing winds during the winter averages about 15mph. In spring the prevailing winds are southwesterly and the secondary winds are westerly. In summer, winds are primarily from the west or southwest, but in the morning and evening, northwesterly winds are common. Prevailing wind speeds in the summer are about 10mph. In fall, winds are predominantly from the west or southwest.

KAMBEK-SHAKINIKIY 48°21'N-46°19'E

<u>Direction of Wind</u>	<u>Percent of Winds Recorded</u>	
	<u>January</u>	<u>July</u>
North	5	7
Northeast	12	8
East	23	14
Southeast	13	11
South	6	8
Southwest	14	16
West	18	22
Northwest	9	14

Prevailing winds from September through May are from the east-southeast, whereas secondary winds are from the west. During this period, wind speeds average 11mph. From June through August, westerly winds predominate. Gales (winds with speeds in excess of 33mph) have been recorded in all months in this area, but they occur most frequently in the winter.

KRASNOYARSK 56°01'N-92°50'E

<u>Direction of Wind</u>	<u>Percent of Winds Recorded</u>	
	<u>January</u>	<u>July</u>
North	1	2
Northeast	2	4
East	1	12
Southeast	2	7
South	4	7
Southwest	48	39
West	30	18
Northwest	9	11

Winds are predominantly from the southwest throughout the year. During the winter, wind speeds average 13 mph, but in the summer the winds are weaker, averaging 9 mph. Less than 1 percent of the winds at Krasnoyarsk ever reach gale force (greater than 33 mph).

SHELITANK 55°37'N-55°58'E

<u>Direction of Wind</u>	<u>Percent of Winds Recorded</u>	
	<u>January</u>	<u>July</u>
North	13	18
Northeast	7	9
East	6	4
Southeast	15	11
South	22	10
Southwest	18	11
West	12	12
Northwest	8	19

Prevailing winds are from the south-southwest in all seasons except summer. During the summer, winds from the north and northwest predominate. (Data on wind speeds is not readily available.)

Beaufort Scale

		<u>miles per hour</u>
0	less than 1	Calm
1	1 to 3	Light air
2	4 to 7	Light breeze
3	8 to 12	Gentle breeze
4	13 to 18	Moderate breeze
5	19 to 24	Fresh breeze
6	25 to 31	Strong breeze
7	32 to 38	Moderate gale
8	39 to 46	Fresh gale
9	47 to 54	Strong gale
10	55 to 63	Whole gale
11	64 to 75	Storm
12	above 75	Hurricane